

FIG. 1

Network Client Program
Instructions 42

421	Source Identification Packet Creation Program
422	Payload Creation Program
423	Task Identity Receiving Program
424	Financial Charge Receiving Program
425	Encryption/Decryption Program

FIG. 2

Payload 30

Programming Instructions
302

Data Set
304

Task ID 305

Security Permissions 306

Permission to Access Network Client's Local Network	307
Permission to Provide Payment	308
Permission to Release Financial Data	309
Encryption/Decryption Information	310

Financial Data Set 312

**Financial Charging Authorization Identity
313**

Task Authentication Key 314

Credit Limit Data Set 315

Client Credit Data Set 316

Client Credit Index 317

Client Credit Authorization Key 318

FIG. 3

**Network Server
Program Instructions 52**

521	Payload Receiving Program
522	Payload Evaluation Program
523	Process Creation Program
524	Binding Program
525	Encryption/Decryption Program
526	Process Simulation Program
527	Bid Solicitation Program
528	Confidentiality Program
529	Mediation Program
530	Bid Receiving Program
531	Bid Validation Program
532	Bid Evaluation Program
533	Payload Conformance Program
534	Payload Profile Program
535	Payload Authentication Program
536	Agent Instantiation Program
537	Agent Resource Requirement Estimation Program
538	Process Awarding Program
539	Agent Awarding Program

FIG. 4

**Network Host
Program Instructions 62**

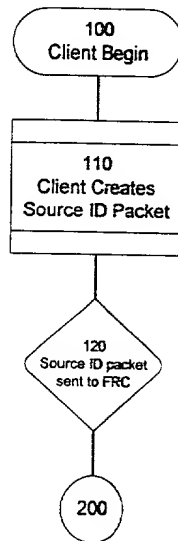
621	Payload Profile Receiving Program
622	Payload Profile Evaluation Program
623	Task ID Validation Program
624	Bid Generation Program
625	Encryption/Decryption Program
626	Financial Charge Creation Program

FIG. 5

**Financial Resolution
Center Program
Instructions 72**

721	Certificate Authority Program
722	Accounting Program
723	Monitoring Program
724	Financial Charge Receiving Program
725	Financial Charge Assigning Program
726	Financial Charge Resolving Program
727	Confidentiality Program
728	Financial Account Maintenance Program
729	Encryption/Decryption Program
730	Authentication Program
731	Source Identification Data Packet Receiving Program
732	Source Identification Data Packet Evaluation Program
733	Task Identity Creation Program
734	Client Identity Validation Program
735	Credit Verification Program
736	Network Membership Program
737	Credit Extension Program
738	Payload validation Program
739	Task ID Validation Program
740	Rate Tracking Program
741	Transaction Number Minimization Program

FIG. 6



A source ID packet may include:

- Identification Dataset, which may contain client identification and requestor identification
- Request Dataset, which may contain credit requested, resources requested, and criteria requested

Task Identity Creation:
Client side

FIG.7

FRC Source ID Packet Evaluation

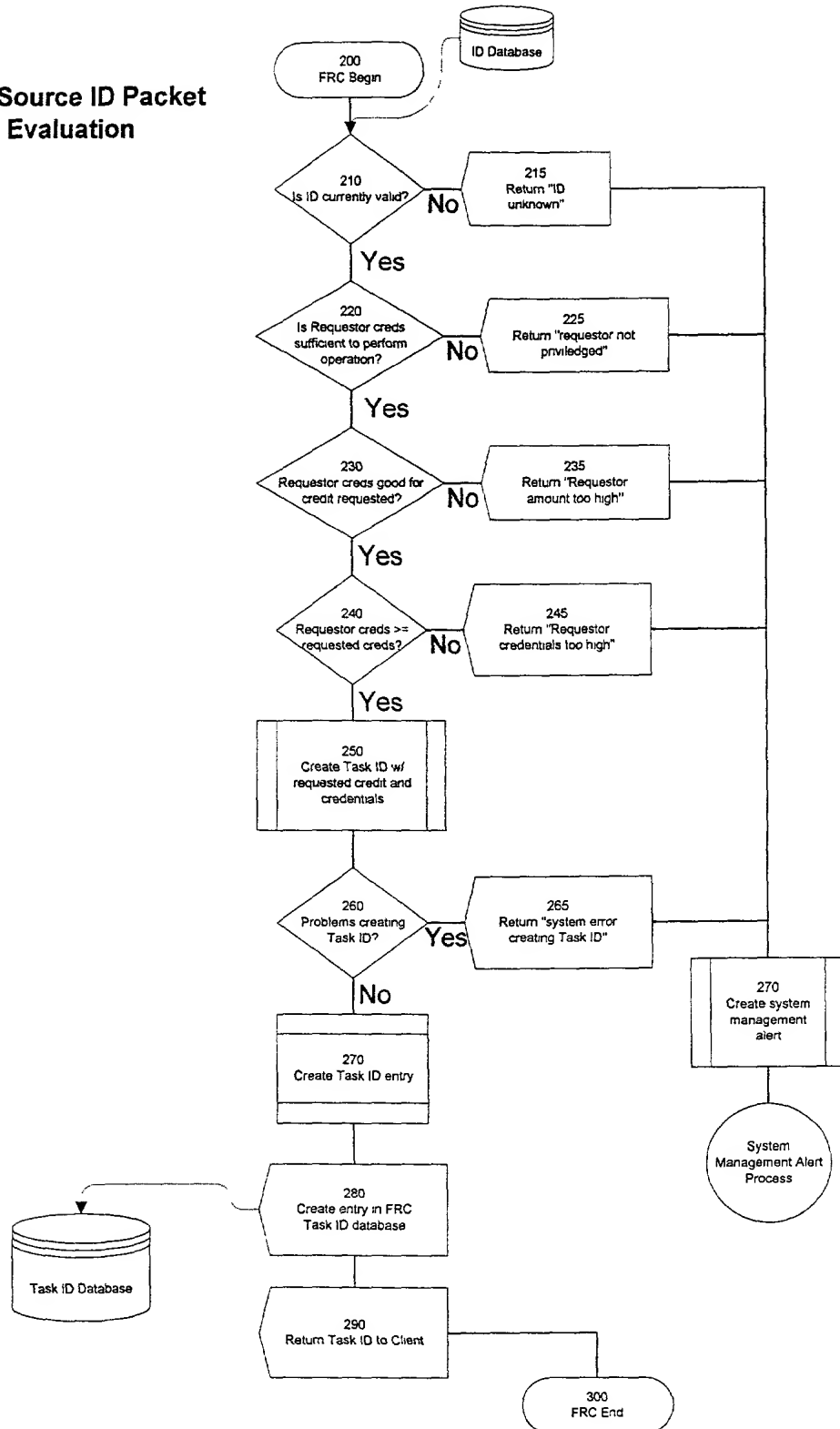


FIG. 8

Host Processing Layers

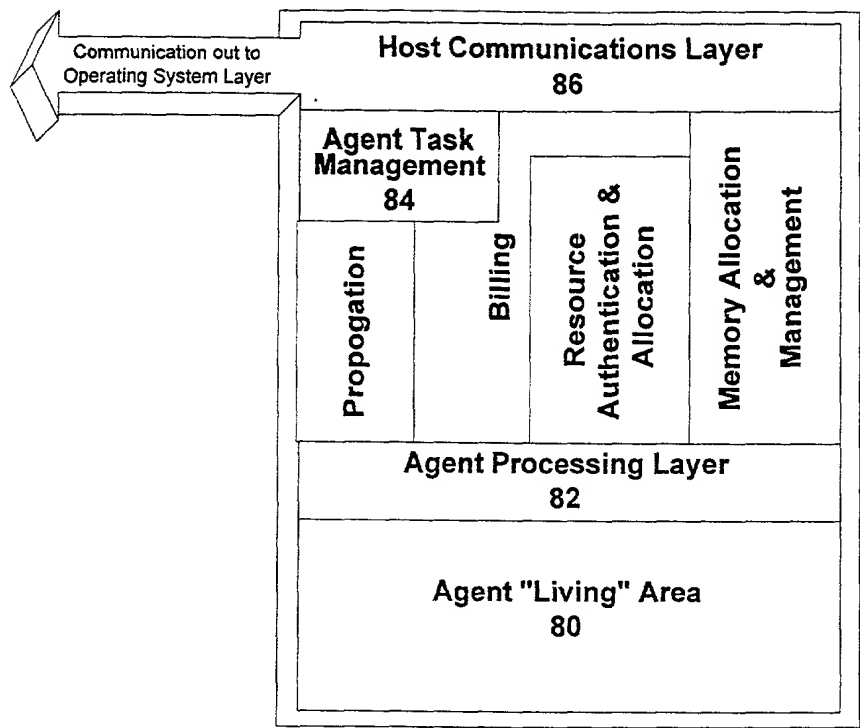


FIG. 9